

The death of Dr. John Lindley, November 1st, 1865, aged 66, was announced by the Secretary.

The death of Prof. H. D. Rogers, at Glasgow, May 29th, aged 56, was announced by Mr. Fraley, on whose motion, Dr. R. E. Rogers was appointed to prepare an obituary notice of the deceased.

A paper was presented for publication in the Transactions, entitled Notes upon the Geology of some portions of Minnesota, from St. Paul to the western part of the State, by James Hall (with diagrams), which, on motion, was referred to a committee consisting of Prof. Trego, Dr. Hayden, and Mr. Lesley.

\* Prof. Cresson described two remarkable cases of lightning-stroke which occurred during a recent storm.

The Secretaries reported that they had procured an Album, pursuant to orders, and exhibited the same with the Photographs of members arranged in it, so far as they have been received.

New nominations Nos. 550, 551, 552, 553 and 554, were read.

And the Society was adjourned.

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*Stated Meeting, July 20, 1866.*

Present, five members.

DR. CARSON in the Chair.

Photographs of Dr. Torrey, Dr. Dewey, and Dr. Shurtleff, were presented for insertion in the Album.

A letter was received from the American Antiquarian Society, dated Worcester, Massachusetts, July 5th, 1866, reporting deficiencies in its series of publications of the Society.

A letter was read from Dr. Schinz, dated Strasbourg, 15th June, 1866, acknowledging the receipt of diploma and publications of the Society; and communicating certain results of

physical experiments with his improved pyrometer, and researches into the proportion of draft to the surfaces of fuel.

A letter was read from Professor E. N. Horsford, dated Cambridge, July 10th, 1866, giving an account of a remarkable rainbow as follows :

On Sunday the 8th instant, we witnessed here a rainbow of rare brilliancy and multiplication. It was at the close of a severe thundergust, accompanied by a violent shower just before sunset. The arch was maintained throughout, but in some parts less brilliant than in others. The part extending some forty degrees on either side of the summit, rested on a luminous, fleecy cloud as a background, contrasting singularly with the darker clouds below. Over all this portion it was easy to distinguish the primary and secondary bows. In short sections there was a duplicate secondary bow, or at least the red division. This was novel to me. But within the primary bow, in which all the colors were wonderfully brilliant, there were in some short sections no less than five repetitions of the red division of the spectrum. Each succeeding one was fainter from without inward, and less remote from its nearest outer companion. The whole width of the five red divisions was scarcely twice the width of the primary bow. Pouillet speaks of a third and fourth bow, but here were no less than eight.

Donations for the Library were announced from the Geographical Societies of St. Petersburg and Paris; the Bureau des Mines; the Astronomical Society of London; the Boston Natural History Society, and the American Academy; the Massachusetts and New Hampshire Historical Societies; Harvard College; Professor Horsford; the New York Lyceum; the Polytechnic College at Philadelphia; Medical News; Friends' Freedmen Relief Association; the Union League; Ohio Mechanics Institute; St. Louis Academy of Sciences; and the Superintendent of Public Instruction in California.

A copy of the Catalogue of the books of the Society, part II, just published, was laid upon the table for examination by the members.

The decease of a member, Dr. Paul Beck Goddard, July 5th, aged 57, was announced by Professor Kendall.

The Committee to which was referred the paper of Prof. James Hall on the Geology of part of Minnesota reported in favor of its publication in the Transactions, and the subject was referred to the Committee of Publication with authority to diminish the number of engraved diagrams if they think proper.

The Committee to which was referred the communication of Mr. Belcourt, respecting an Odjibowe vocabulary, reported in favor of publication, which was so ordered.

Specimens of titaniferous iron ore from Cumberland, R. I., were laid on the table by Mr. Chase.

Pending nominations Nos. 550, 551, 552, 553 and 554, were read.

And the Society was adjourned.

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*Stated Meeting, August 17, 1866.*

Present, three members.

Professor TREGO in the Chair.

Letters acknowledging the receipt of publications were received from the Royal Saxon Society, September 30th, 1865; the Batavian Society of Experimental Philosophy, October 21st; the Geological Society at Berlin, November 4th; the Natural History Union of the Duchy of Nassau, October 10th; the Zoological and Botanical Society at Vienna, January, 1866; the Asiatic Society at London, March 26th; the Linnæan Society at Bordeaux, June 8th; Yale College, July 24th; New York Historical Society, July 31st; American Antiquarian Society, August 1st; Harvard College, August 1st; State Historical Society of Wisconsin, August 2d; New York Lyceum, August 7th; and New Jersey Historical Society, August 12th, 1866.

Donations for the Library were announced from the Berlin Academy; the Royal Italian Commission to the Dublin Exposition of 1865; the Paris and London Geographical So-